

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710020-4

SEKSENBAEV, K.

Anticenter of a group. Vest. AN Kazakh. SSR 20 no 7:73-76 J1 '64.  
(MTRA 17:11)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710020-4"

SEKSHINBAYEV, K.

Theory of polycyclic groups. kig. 1 log. 4 no. 3379-33 '65.  
(MIRA 18:10)

KOSUTIC, Zvonimir, dr.; REINER, Ivan, dr.; BREITENFELD, Vladimir, dr.; MILIC, Nedjeljko, dr.; PIEROTIC, Nevenka, dr.; SEKSO, Mladen, dr.; SOLJAN, Nevenka, dr.; TRNSKI, Josip, dr.; VODOPIJA, Ivan, dr.

Clinical characteristics of salmonellosis java in adults. Lijecn.  
vjesn. 84 no.5:437-444 '62.

1. Iz Bolnice za zarazne bolesti, Internog odjela bolnice "Dra M. Stojanovica" u Zagrebu i Zavoda za zastitu zdravlja grada Zagreba.

(SALMONELLA INFECTIONS case reports)

5

Sekt, K.I., T.P.  
32-8-13/61

AUTHORS: Sekt, K.I., Kuznetsova, T.P.

TITLE: Determination of the Vanadium Content in Deposits on the Warmth-Receiving Surfaces of Boilers and Turbine Blades. (Opredeleniye vanadiya v otlozheniyakh na poverkhnosti nagreva kotov i lopat-kakh turbin)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol.23, Nr 8, pp. 918-918 (USSR)

ABSTRACT When liquid fuel is used, corrosion phenomena are to be observed on steam boilers and gas turbines in the corresponding metal surfaces which may be explained by the presence of vanadium in the fuel. For its determination the ashes as well as the deposits on the warmth-receiving surfaces are investigated. Samples are annealed and treated in a testing container first with 25-30 ml sulfuric acid and then with 5-7 drops of nitric acid. After 5-7 minutes boiling the solution is cooled, filtered and put into a conic retort with a content of 250 ml. 100 ml distilled water, 1-2 ml phosphoric acid and several drops of potassium permanganate are added, until a weakly pink color is obtained. Vanadium is oxidized up to five-fold valence. Excess of permanganate is destroyed by addition of a 2% solution of oxalic acid until decolorization of the preparation. 5-7 drops of phenylanthranilic acid are also added. After 2 minutes the solution is titrated against a 0,02 .n solution of ammonium ferric alum until the cherry-red color of the preparation is converted to green. For determining the water-solu-

Card 1/2

32-8-13/61

Determination of the Vanadium Content in Deposits on the  
Warmth-Receiving Surfaces of Boilers and Turbine Blades.

ble vanadium bonds 0,25 g of the initial sample is boiled in 30 ml distilled water for 20-25 minutes, and then cooled and filtered. Furthermore 20 ml sulfuric acid are added and the preparation acidified with nitric acid and then several drops of a 2% solution of KMnO<sub>4</sub> are added, until a steady pink color is obtained. Then the analysis is continued and completed as above. There is 1 table.

ASSOCIATION: All-Union Thermotechnical Scientific Research Institute.  
(Vsesoyuznyy teplotekhnicheskiy nauchno-issledovatel'skiy in-  
stitut)

AVAILABLE Library of Congress

Card 2/2

SEKT P.

KARGIN, V.A.  
 5(3) p.4 PHASE I BOOK EXPLOITATION Sov/1589  
 Akademija nauk SSSR.

Dininya bol'shikh molekul; sbornik statey (Chemistry of Large Molecules) Collection of Articles Moscow, Izd-vo Akademiya nauk SSSR, 1958  
 299 p. (Series: Akademiya nauk SSSR. Nauchno-populyarnaya  
 literatura) 30,000 copies printed.

Compiler: G.V. Sklovskiy; Rep. Ed.; A.V. Ropchikov; Tech. Ed.;  
 I.M. Gusseva.

PURPOSE: This book is intended for a wide circle of readers including those who have had no training in chemistry. It can also serve as a manual for propagandists, teachers, and journalists.

Chemistry of Large Molecules (Cont.)

Sov/1589

**COVERAGE:** This collection of articles reflects the trend for the future development of the Soviet chemical industry as indicated by the May plenary session of the Central Committee of the Communist Party within the framework of the General Seven Year Plan. These articles were published in newspapers and journals. The authors scientists and industry workers and developed the theme of accelerated development of the chemical industries, and sciences with stress on the manufacture of synthetic fiber, plastic, and other materials. Some of the articles were abridged, and other materials, or enlarged. The articles were selected so as to give an adequate survey of the chemistry use in industry, agriculture, food, and in the manufacture of consumer goods. Mentioned are raw materials for the production of polymers. This book belongs to the popular-science series of the Academy of Sciences. Similar volumes are intended for future publication. No references are given.

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Preface

Chemistry of Large Molecules (Cont.)

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Card 7/8

SEKU, P.Ye., kandidat ekonomicheskikh nauk; HELIKOV, A.M., inzhener;  
LEVITSKIY, Ya.B., redaktor.

[Technical and economic principles for the concentration of coal  
for coking] Tekhniko-ekonomiceskie osnovy obogashcheniya koksuiu-  
shchikhsia uglei. Moskva, Ugletekhizdat, 1953. 179 p. (MLR 7:8)  
(Coal preparation) (Coke)

VODNEV, G.G.; SHELKOV, A.K.; DIDENKO, V.Ye.; FILIPPOV, B.S.; TSAREV, M.N.;  
ZASHVARA, V.G.; LITVINENKO, M.S.; MEDVEDEV, K.P.; MOLODTSOV, I.G.;  
LGALOV, K.I.; RUBIN, P.G.; SAPOZHNIKOV, L.M.; TYUTYUNNIKOV, G.N.;  
DMITRIYEV, M.M.; LEYTES, V.A.; LERNER, B.Z.; MEDVEDEV, S.M.; REVYAKIN,  
A.A.; TAYCHER, M.M.; TSOGLIN, M.E.; DVORIN, S.S.; RAK, A.I.; OBUKHOV-  
SKIY, Ya.M.; KOTKIN, A.M.; ARONOV, S.G.; VOLOSHIN, A.I.; VIROZUB, Ye.V.;  
SHVARTS, S.A.; GINSBURG, Ya.Ye.; KOLYANDR, L.Ya.; BELETSKAYA, A.F.;  
KUSHNEREVICH, N.R.; BRODOVICH, A.I.; NOSALEVICH, I.M.; SHTROMBERG, B.I.;  
MIROSHNICHENKO, A.M.; KOPELIOVICH, V.M.; TOPORKOV, V.Ya.; AFONIN, K.B.;  
GOFTMAN, M.V.; SEMENENKO, D.P.; IVANOV, Ye.B.; PEYSAKHON, I.B.;  
KULAKOV, N.K.; IZRAELIT, E.M.; KVASHA, A.S.; KAFTAN, S.I.; CHERMNYKH,  
M.S.; SHAPIRO, A.I.; KHALABUZAR', G.S.; SEKT, P.Ye.; GABAY, L.I.;  
SMUL'SON, A.S.

Boris Iosifovich Kustov; obituary. Koks i khim. no.2:64 '55.(MLRA 9:3)  
(Kustov, Boris Iosifovich, 1910-1955)

~~SEKT, Pavel Yefimovich; BELIKOV, Aleksandr Mikhaylovich; CHUZHKOVA, M.I.,~~  
~~otvetstvennyy red.; SUROVA, V.A., red.izd-va; BERLOV, A.P., tekhn.~~  
~~red.; KOROVENKOVA, Z.A., tekhn.red.~~

[Economics, organization and planning of production in coal dressing  
plants] Ekonomika, organizatsiya i planirovaniye proizvodstva na  
ugleobogatitel'nykh fabrikakh. Moskva, Ugletekhnizdat, 1957. 276 p.  
(Coal preparation) (MIRA 11:2)

SECRET

68-8-17/23

AUTHORS: Sekt, P. Ye, Teslenko, F.F., Belikov, A.M., and Levin, S.A.

TITLE: Economy of Flotation of Coal Slurry and Dust.  
(Ekonomika flotatsii ugol'nogo shlama i pyli).

PERIODICAL: Koks i Khimiya, 1957, No.8, pp. 52-57 (USSR)

ABSTRACT: Economy of flotation of coal dust and slurries and drying of coals on coal washeries operating with coals from the Donets basin was investigated by the above institute. The results of this investigation are described in the paper. Mean operating indices of coal washeries with flotation departments for 1950 and 1955 are shown in table 1. Analyses of the operation of drying are given in tables 2 and 3 respectively. A comparison of the ash content in coal and coke with flotation of slurries only and with flotation of slurries and dust and the economic indicas of the flotation of coal dust are given in tables 4 and 5 respectively. There are 5 tables.

ASSOCIATION: Kharkov Engineering-Economic Institute. (Kharkovskiy Inzhenerno-Ekonomicheskiy Institut).

AVAILABLE: Library of Congress

Card 1/1

SEKT, P.Ya.; TESLENKO, F.F.; BELIKOV, A.M.; TKACHEV, S.F.

Economic aspects of using Donets Basin gas coals for the production of  
blast furnace coke. Ugol' 34 no.1:20-23 Ja '59. (MIRA 12:1)

I. Khar'kovskiy inzhenerno-ekonomicheskiy institut.  
(Donets Basin--Coal) (Coke)

SEKT, P.Ye.; TESLENKO, F.F.; LEVIN, S.A.; TKACHEV, S.F.; ZASHKVARA,  
V.I.; TOPORKOV, V.Ya.; BELIKOV, A.M.

Location as a factor affecting the economic indices pertaining  
to the operation of coking coal cleaning plants of the Donets  
Basin. Koks i khim. no.2:53-56 '60. (MIRA 13:5)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut (Sekt, Teslenko,  
Levin, Tkachev). 2. Ukrainskiy nauchno-issledovatel'skiy uglekhi-  
micheskiy institut (for Zashkvara, Toporkov). 3. Ukrniugleoboga-  
shcheniye (for Belikov).  
(Coal preparation)

SEKT, P.Ye.; TESLENKO, B.F.; TKACHEV, S.F.; LEVIN, S.A.; KUZNETSOV, Ye.G.

Technical and economic indices of the operation of the drying units  
for dewatering concentrated coals in the Donets Basin. Koks i khim.  
no.9:47-50 '60. (MIRA 13:9)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut (for Sekt, Teslenko,  
Tkachev, Levin). 2. Stalinskiy sovazrkhoz (for Kuznetsov).  
(Donets Basin--Coal--Drying) (Coal preparation)

S/063/60/005/001/005/009

AUTHORS: Aronov, S. G., Sekt, P. Ye.TITLE: The Products From the Coking of Gas Coals as Additional Source of  
Chemical Raw MaterialPERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva im. D. I. Mendeleeva,  
1960, Vol. 5, No. 1, pp. 82-84

TEXT. The most important chemical products of coking are benzene and benzene hydrocarbons, naphthalene, phenol products, hydrogen and unsaturated compounds. Although the production of synthetic phenol will be increased 5.5 times by 1965 compared to 1959, phenols from coke-chemical plants will be used on a broad scale. The coking chemistry is the principal source of solvent, cresols, xylene, indene-eumarone resins, coal oils for the production of carbon black, pyridine bases, etc. The chemical processing of gas coal is more advantageous from a technical and economic point of view than its burning as fuel. The capital investment for the opening of gas coal mines is 25-30% lower, because gas coal deposits are not so deep below the surface as other coals. Industrial tests of coking Donets gas coal were made at the Khar'kovskiy koksokhimicheskiy zavod (Khar'kov Coke Chemical Plant) (Ref. 4). Under optimum coking conditions

Card 1/2

S/063/60/005/001/005/009

The Products From the Coking of Gas Coals as Additional Source of Chemical Raw Material

1 ton of gas coal yields 50 kg of tar, up to 13 kg of benzene hydrocarbons,  $360 \text{ m}^3$  of gas containing 55% hydrogen, 25% methane and 3% ethylene hydrocarbons. A small increase in the percentage of gas coal in the coking charge reduces the cost of tar and benzene. A still higher reduction is obtained if gas coal is used exclusively. If the price of coke gas can be reduced by 35%, the use of hydrogen from coke gas is equivalent to the use of natural gas in the synthesis of ammonia, ✓ but the capital investment is lower in the former case. The preliminary calculations of the capital investment needed for the installation of coking plants processing gas coal or ordinary coal showed that in the first case the investment is twice as low. The combustion heat of coke from gas coal is 7,800 kcal/kg, the kindling temperature  $525^\circ\text{C}$  (blast-furnace coke  $600^\circ\text{C}$ ), the combustibility 73 sec (blast-furnace coke 101 sec). It is a better fuel for industrial purposes than other types of coke. There are 5 tables and 7 Soviet references.

Card 2/2

SEKT, P.Ye.; TESLENKO, F.F.; GAYEVOY, A.A.; GIMEL'SHTEYN, T.Ye.; YEGOROV,  
K.V.; LITVINENKO, M.S.

Revision of the existing prices of coke chemicals and coke-oven gas.  
Koks i khim. no.2:47-50 '61. (MIRA 14:2)

1. Khar'kovskiy inzhenernno-ekonomicheskiy institut (for Sekt, Teslenko).
2. Giprokoksi (for Gayevoy, Gimel'shteyn, Yegorov). 3. Khar'kovskiy  
nauchno-issledovatel'skiy uglekhimicheskiy institut (for Litvinenko).  
(Coke industry—By-products) (Chemicals—Prices)  
(Coke-oven gas—Prices)

SEKT, P.Ye.; TKACHEV, S.F.; LEVIN, S.A.; ALENINA, M.T.; BARANNIK, A.G.

Analyzing the cost indices on the flotation process. Kdks i khim.  
no.9:53-56 '63. (MIRA 16:9)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut.  
(Coal preparation plants--Costs)

SEKTOROV, V., R.,

Pa. 150T35

USSR/Engineering - Motors, Wind-Driven Oct 49  
Electrification, Rural.

"Operating Conditions and Types of Wind-Electric  
Installations for Rural Regions," V. R. Sektorov  
Cand Tech Sci, 42 pp

"Elektrichestvo" No 10

Compares operating efficiency of wind-powered  
electric stations operating in a system with  
other electric power stations for constant  
and variable rotating speeds of the wind-driven  
motors. Gives method for evaluating possible  
participation of wind installations in rural

150T35  
USER/Engineering - Motors, Wind-Driven Oct 49  
(Contd)

power systems on the basis of regional power  
balance and wind-motor operating conditions.

150T35

SEKTOROV, V. R.

157T31

USSR/Electricity - Literature Jan 50  
Hydroelectric Plants

"Review of N. K. Kuznetsov's and A. P. Zlatkovskiy's Book; 'Agricultural Hydroelectric Power Stations,'" V. R. Sektorov, Cand Tech Sci, 2 pp

"Elektrichestvo" No 1

Book is only one which covers all aspects of subject (apart from first edition published in 1941). Despite numerous defects, listed chapter by chapter, book will be of use to workers engaged in electrification of agriculture. Published by Sel'khozgiz, 1948 316 pp, 15 rubles.

157T31

SEKTOROV, V. N.

Fuel Abstracts  
Vol. 14 No. 4  
October 1953  
Electricity and  
Electric Power

5420. UTILIZATION OF WIND POWER FOR ELECTRIFICATION. Sektorov, V. N. (Elektrichestvo (Electricity), 1953, (3), 11-16). Author gives a survey of the main types of wind power generators so far built and operated in the U.S.S.R., their characteristics and performances and main applications. The standard types D-18 and 1-D-18, often described, are equipped with 26 kW three-phase generators, the other types now built being rated 12 kW, 1 kW and 130 W and very similar to small U.S. and German two-blade fast-runners. Article seems to be extracted from Fateev's books (1948 and 1952). E.R.A.

SEKTOV, V. R.

SABININ, Grigoriy Kharlampiyevich; SEKTOROV, Vladimir Rafailovich; SHOLOMOVICH, G.I., redaktor; GALOYAN, M.A., redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor.

[Wind driven generator assembly VE-2 and its use] Vetrcelektricheskiy agregat VE-2 i ego ekspluatatsiya. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radic, 1954. 62 p.  
(MLRA 8:4)  
(Wind power) (Electric generators)

SEKTOROV, Vladimir Rafailovich; SHAFTER, Yakov Iosifovich

[Windmills on livestock farms] Vetrosilovye ustanovki na zhivotno-vodcheskikh fermakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1956.

79 p.

(MLRA 10:9)

(Windmills) (Stock and stockbreeding)

ANDRIANOV, V.N., doktor tekhnicheskikh nauk; SEKTOROV, V.R., kandidat  
tekhnicheskikh nauk.

Wind power engineering in other countries. Elektrichesatvo no.10:  
87-89 O '56. (MLRA 9:11)  
(Wind power)

FATEYEV, Ye.M., prof., otv.red.; BYSTRITSKIY, D.N., red.; VASHKEVICH,  
K.P., red.; KARMISHIN, A.V., red.; SEKTOROV, V.R., red.;  
FEDOTOV, V.Ye., red.; FRANKFURT, M.O., red.; SHOLOMOVICH,  
G.I., red.; GOLOVKO, V.N., red.izd-vo; GUSEVA, I.N., tekhn.red.

[Problems in wind power] Voprosy vetroenergetiki. Moskva,  
Izd-vo Akad.nauk SSSR, 1959. 135 p. (MIRA 12:6)

1. Akademika nank SSSR. Energeticheskiy institut. 2. Chlen-  
korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh  
nauk im. V.I.Lenina (for Fateyev).  
(Wind power)

NESTERUK, F., doktor tekhn. nauk; SEKTOROV, V., kand. tekhn. nauk; FROLOV, N., inzh.

"Origin and development of windmills" by N.A. Ponomarev. Reviewed by  
F. Nesteruk, V. Sektorov, N. Frolov. Muk.-slev. prom. 25 no. 4:31-32  
(MIRA 13:1)  
Ap '59.

1. Institut istorii yestestvoznaniya i tekhniki AN SSSR (for Nesteruk).
2. Institut nauchnoy informatsii AN SSSR (for Sektorov). 3. Proizvod-  
stvenno-tehnicheskoye upravleniye Gosudarstvennogo komiteta Soveta  
Ministrov SSSR po khleboproduktam (for Frolov).  
(Windmills) (Ponomarev, N.A.)

SEKTOROV, V R

PHASE I BOOK EXPLOITATION

SOV/5321

Andrianov, Viktor Nikolayevich, Dorian Naumovich Bystritskiy, Konstantin  
Petrovich Vashkevich, and Vladimir Rafailovich Sektorov

Vetroelektricheskiye stantsii (Wind-Motor Electric Power Stations) Moscow,  
Gosenergoizdat, 1960. 319 p. 2,000 copies printed.

Ed. (Title page): V.N. Andrianov, Professor; Ed.: V.A. Orlov; Tech. Ed.: K.P.  
Voronin.

PURPOSE: This book is intended for power engineers of various specialties  
for engineers engaged in designing and operation of wind-driven electric  
power stations, and for students and agricultural workers in the field of  
rural electrification.

COVERAGE: The authors describe wind-motor direct-current and alternating-current  
electric power stations of various capacities. The following are discussed:  
design and utilization of stations; problems of control-system statics and  
dynamics in isolated stations and in those connected in parallel with a system

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## Wind-Motor Electric Power Stations

SOV/5321

of other stations of various capacity; and methods of computing technical and economical aspects of power engineering. Data on wind-motor electric power stations in the USSR and abroad are given. V.N. Andrianov wrote Ch. IV, except sec. IV-7, and secs. I-5, V-1, and V-2; D.N. Bystritskiy, secs. I-1, IV-7, V-3, and V-5; K.P. Vashkevich, secs. I-2, I-3, and Ch. II, except sec. II-1; and V.P. Sektorov, secs. I-4, II-6, II-1, and Chs. III and VI. V.N. Andrianov supervised the work and edited the material. The authors thank G.Kh. Sabinin, Professor, who is said to be one of the first Soviet experts in this field, for his very valuable assistance. There are 33 references: 21 Soviet, 9 English, 1 French, 1 German, and 1 Italian.

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Ch. I. General Information	
1. Wind as a source of power	6
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SEKTOROV, V.R., kand.tekhn.nauk

World water resources and hydraulic engineering. Gidr.stroi. 34  
no.11:60-61 N '63. (MIRA 17:3)

SEKULA, Bronislaw

Review of architectural achievements in Stettin. Architektura Pol no.  
11/12:411-448 '61.

SEKULA, Jan

Attempted implantation of scraped epidermis on the surface of  
wounds. Otolaryngol. polska 10 no.1:37-44 1956.

1. Z Kliniki Laryngologicznej A.M. w Krakowie Kierownik: prof.  
dr. J. Miodonski.

(EAR MIDDLE, surgery,  
ther. of postop. wds. by implantation of epidermis  
scraped from skin surface (Pol))

(SKIN TRANSPLANTATION,  
same)

EXCERPTA MEDICA Sec.11 Vol.10/5 Oto-Rhino-Laryng May57

SEKULA J.

984. SEKULA J. Klin. Otolaryngol. A. M., Kraków. \* Wolne przeszczepy skóry do ucha środkowego w przebiegu operacji doszczętnej. Free skin grafts in the middle ear in the course of radical mastoidectomy

OTOLARYNG. POL. 1956, 10/3-4 (247-252) Graphs 6 Tables 1

The theoretical assumptions and practical realization of tympanoplastics (columellisatio) with the application of free skin grafts are presented. It was already applied in the course of radical mastoidectomy at the Laryngological Clinic in Cracow. Thanks to the use of free grafts, the improvement of hearing was obtained in a considerable number of the patients operated upon. It was observed that the patency of the eustachian tube has a very satisfactory influence on the function of the newly created mechanism of the middle ear.

EXCERPTA MEDICA Sec. II Vol. 10/10 Oto-Rhino-Laryng Oct 57  
SEKULA J.

1910. SEKULA J. Otolaryngol. Clin., Cracow, Poland. \*Post-operative results of tympanoplasty in the course of the radical operations ACTA OTO-LARYNG. (Stockh.) 1957, 47/4 (353-357) Graphs 3  
Tables 1

The theoretical assumptions and practical applications of tympanoplasty (columelization) are presented, with the use of free skin grafts in the course of the radical operation, as practised in the Cracow Otolaryngological Clinic. By means of free grafts, improvement in hearing has been obtained in a considerable percentage of the patients operated on. It has been observed that a patent auditory tube has a very favourable effect on the function of the newly formed mechanism of the middle ear.

SEKULA, Jan

Clinical significance & evaluation of the caloric test. Otolaryngologia polska  
12 no.2:217-229 1958.

1. Z Kliniki Laryngologicznej A. M. w Krakowie Kierownik: prof. dr J.  
Miodonski.

(VESTIBULAR APPARATUS, funct. tests  
Barany's sympt., technic & differ. diag. value, review (Pol))

SEKULIA, Jan

Studies on the standardization of the thermal test in  
chronic otitis media. Otolaryngolog Polska 14 no:1:1-37 '60.

1. z Kliniki Laryngologicznej A.M. w Krakowie, Kierownik:  
prof. dr J. Miodonski.  
(OTITIS MEDIA diag.)

RUBEN, Robert J.; KNICKERBOKER, G.Guy; SEKULA, Jan; MAGER, George T.;  
BORDLEY, John E.

Microphone potentials of the human cochlea. Preliminary  
communication. Otolaryngologica polska 14 no.2:201-206 '60.

1. Z Oddzialu Otolaryngologicznego Szkoły Medycznej Uniwersytetu  
Johans Hopkins, Baltimore 5, Maryland Subwencjonowane przez  
"National Institute of Neurological Diseases and Blindness and  
the Sloan Foundation".  
(COCHLEA physiol)

SZPUNAR, Jerzy; SEKULA, Jan

Remote results of tympanoplasty operations. Otolar polska 15 no.3:  
333-340 '61.

l. Z Kliniki Otolaryngologicznej AM w Krakowie Kierownik: prof. dr  
med. J. Miodonski.

(OTOSCLEROSIS surg)

SERKIA, Jan; MISTEMSKI, Eugeniusz

Results of operative treatment of cancer of the larynx at the  
Cracow Laryngological Clinic. Acta med. Pol. 5 no.3:283-291  
'64.

L. Laryngological Clinic, Medical Academy, Cracow (Director:  
Prof. Dr. J. Miedonski [deceased]).

SEKULIN, Jan; OLSZEWSKI, Eugeniusz

Results of surgical therapy of laryngeal cancer in the Krakow  
Laryngological Clinic. Otolaryng. Pol. 18 no.1:57-65 '64.

1. Z Kliniki Laryngologicznej Akademii Medycznej w Krakowie  
(Kierownik: prof. dr J. Miodonski [deceased]).

DR. WILHELM OLSZEWSKI, Engineer

Had been loss of his right arm. In Warsaw, Post. 10 no. 62  
153-358 16.

Dr. W. Klinik - "Klinika Politechniki Warszawskiej w Krakowie"  
Milawka 10, 30-009 Krakow, Poland

SEKULA, Jan; TRABKA, Jan; HALAMA , Andrzej

Nystagmographic evaluation of caloric nystagmus. Otolaryng.  
Pol. 18 no.4:467-471 '64

J. Z Kliniki Neurochirurgicznej Akademii Medycznej w Kra-  
kowie (Kierownik: prof. dr. A. Kunicki) i z Kliniki Oto-  
laryngologicznej Akademii Medycznej w Krakowie (Kierow-  
nik: prof. dr. J. Miodanski).

SEKULA, Jan; JORAK, Małgorzata; OLESPENSKI, Eugeniusz

Therapeutic management of laryngeal neoplasms in our experience.  
Wiad. lek. 18 no.18:1451-1456 15 S '65.

1. Z Kliniki Chorób Uszu, Nosa i Krtani AM w Krakowie (Kierownik:  
prof. dr. J. Miedonski [deceased]) i z Kliniki Radiologicznej AM  
w Krakowie (Kierownik: prof. dr. S. Januszkiewicz).

GARDA, Czeslaw, mgr., inz.; GOLDYNIA, Jozef, mgr., inz.; SEKULA, Włodzimierz,  
mgr., inz.

Dyes for textiles and leather applied to dyeing of polymethacrylane  
methyl in masses. Chemik 14 no.11:415-416 N '61.

1. Instytut Przemyslu Organicznego, Lodz.

SERULIC A

5  
Chem 79  
4E32

Aromatic hydrocarbons in the gasoline fraction of the Lendava oil (Yugoslavia). Georgije Stefanović, Božidar Terzić, Ana Sekulić, and Jelena Vasiljević (Prirodno-matematički fakultet, Belgrade, Yugoslavia). *Glasnik Khemijskog društva, Beograd* 21, 581-93 (1960).—Six gasoline fractions of Lendava crude oil were analyzed by various methods; the aniline point, refractive index, and sp. gr. are suitable for the detn. of aromatic hydrocarbons, but S., T., S., and V. recommended the adsorption method as the best and most precise. 34 references. Z... Mikic

8mm

SEKULIC, Bozidar, Prim., dr.; USTAVDIC, Muhamed, dr.; NOVAKOVIC, Momcilo, dr.

Age factor in indications for tonsillectomy. Med. arh.,  
Sarajevo 9 no.5:77-84 Sept-Oct 55.

1. (Rad Odelenja za bolesti uva. nosa i grla Gradske bolnice u  
Beogradu. Sef: Prim. dr. Bozidar Sekulic).

(TONSILS, surg.

in child., indic. in relation to age factor. (Ser))

(AGING, pathol.

age factor in tonsillectomy in child. (Ser))

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710020-4

SEKULIC, Grajic, et al. Inc.

Determining the make, eight of the production of Ba 271  
Y-car made in the Goss Plant. Metznicz Jur 20 c. 12-13-26  
D 164.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710020-4"

SEKULIC, M.

Publishing nautical charts. p. 41.

GEOLOGSKI VJESNIK (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

Sekulich, M.

YUGOSLAVIA/Cultivated Plants - Medicinal, Essential Oil Bearing. R-10  
Poisonous.

Abs Jour : Ref Zhur - Biol., No 3, 1953, 3/549

Author : Sekulic, M.

Inst :  
Title : The Influence of Mineral Fertilizers and Trace Elements on  
the Yield and Contents of Active Substances in Medicinal  
Plants.

Orig Pub : Akad. Nauk SSSR, 1953, 6, No 5, 232-240

Abstract : No abstract.

Card 1/1

- 170 -

Sekulich, M.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001547710020-4'

JUGOSLAVIA(SERBO-CROATIA)/Cultivated Plants - Medicinal and L-8  
Essential-Oil Bearing, Poisonous.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 6943

Author : Sekulich, M.

Inst :  
Title : Belladonna (Atropa belladonna L.).

Orig Pub : Shumarstvo, 1956, 9, No 4-5, 301-303

Abst : Belladonna is a typical plant of beech forests in Serbia.  
In its natural habitat it is severely destroyed and threatens to become extinct. Therefore it is recommended that it be bred under semicultivated conditions, i.e. artificially bred in natural habitats, for area economy, suitable for other agricultural projects. A description of the species is noted; information on its biology, breeding and collection of raw material is also described.

Card 1/1

SEKULIC, M.

MORTKAVARE

Periodical: POLJARSKA. Vol. 6, no. 9, Sept. 1956.

SEKULIC, M. Vegetative multiplication of hyacinth (*Hyacinthus Sp.*). p. 57.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3  
March 1959 Unclass.

YUGOSLAVIA / Chemical Technology, Chemical Products and Their Application. Perfumes and Cosmetics. Essential Oils. H-19

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16718

Author : Smoljaka, M.; Sekulic, M.

Inst : Not given

Title : Standardization of the Determination Method of Essential Oil Content in Essential Oil Bearing Plants

Orig Pub : Arkhiv farmats., 1958, 8, No 1, 57-68

Abstract : Effect of processing conditions on the determination of essential oil content in the essential bearing plants (Salviae folium, Origani majoranae folium, Monthae piperitae folium, Valerianae radix, Caevi fructus, Foeniculi fructus, Coriandi fructus) has been demonstrated. The use of water or of saturated NaCl solution, the degree of mincing of raw materials, soaking of raw materials (roots or fruits) 24 hours prior to distillation, etc., are the processing conditions studied.

Card 1/1

H - 65

SEKULIC, Milan, inz., asistent (Beograd, Kursulina 17)

Study of the quality of certain varieties of carrots.  
Tehnika Jug 17 no.8:Suppl.: Prehran ind 16 no.8:1577-1582  
Aug '62.

1. Pojoprivredni fakultet Univerziteta u Beogradu.

YUGOSLAVIA

R. IVANIC and M. SEKULIC, Department of Pharmacognosy of College of Pharmacy of University (Farmakognosticki Institut Farmaceutskog fakulteta Univerziteta,) Belgrade.

"Concentration of Fatty Oils and Albumin in Leaves of Fennel, Coriander and Kuemmel."

Belgrade, Arhiv za Farmaciju, Vol 13, No 2, 1953; pp 105-107.

Abstract [French summary modified]: Study to determine potential value of extracting fatty oils to save on import thereof, and to determine nutritive qualities for possible use as feed. Increasing areas are being planted with these 3 plants (Foeniculum vulgare, Coriandrum sativum and Carum carvi) for essential oil extraction. Average values found: fatty oils 17.25%, 13.79% and 16.07%; peptides 18.99%, 15.88% and 23.24%; hence plants are certainly very valuable from all points of view. Three tables; 2 Yugoslav and 1 German reference.

1/1

— 27 —

SEKULIC, Milan (Beograd); MUSILAKA, Milica (Beograd)

Influence of fertilizers on the yield and quality of valerian root (Valerianae radix). Farmaceut gl Zagreb supplement (18) no. 5/18-19 '62

I. Institute of Specialized Agriculture of the Agricultural Faculty and the Institute of Pharmacognosy of the Pharmaceutical Faculty, University of Belgrade, Belgrade.

SEKULIC, Sava, ing. (Novi Sad, Futoski put 16-20)

Determination of the optimum rate of work in the longitudinal processing of a piece on lathe. Tehnika Jug 16 no.10:1789-1895 O '61.

1. Engineer for testing the processing rates in the "Jugosalat" Tool Factory, Novi Sad.

SIKULIC, Sava, ing. (Novi Sad, Futoska 16-20)

Diagrams for the determination of optimum work during the preliminary longitudinal processing on a lathe. Tehnika Jug 17 no.4:693-698 Ap '62.

1. Engineer for Cutting Regime Investigation in the "Jugosalat" Tool Factory, Novi Sad.

SEKULIC, Sava, inz., asistent (Novi Sad, Skolska 1)

Computing the work rate at the last stroke in preliminary  
lathe processing. Tekhnika Jug 17 no.12: Supple: Masinstvo 11  
no.12:2301-2304 D '62.

1. Masinski fakultet Univerziteta u Novom Sadu.

SEKULIC, Sava, inz., asistent (Novi Sad, Skolska 1)

Computing the shape and size of the cross section of a lathe  
cutting knife. Tehnika Jug 18 no.9:Suppl.:Masinstvo 12 no.9:  
1677-1682 S '63.

1. Masinski fakultet Univerzite u Novom Sadu.

BEROVIC, Zagorka, prim. dr.; SLAVKOVIC, Vladimir, dr.; LOPICIC, Ljubica, dr.;  
SEKULIC, Srboljub, dr.

Respiratory function in ankylosing spondylarthritis. Reumatizam  
12 no.4:132-133 '65.

1. III Dom zdravlja, Beograd i Interna klinika "B", Beograd.

SEKULOVICH, Yu.S., inzhener.

Reducing personnel in electric power plants. Energetik 4 no.10:  
13 0 '56. (MLRA 9:11)  
(Electric power plants)

MAVRODIEV, G.T.; SEKULOVSKI, Lj.;

On the rectification effect of the alternative electric  
arc. Bul sc Youg 8 no.3/4:93 Je-Ag'63.

Full wave rectification of the alternative current by  
the electric arcs. 93

1. Prirodno-matematicki fakultet, Skopje.

GEBALA, A.; MALESKI, K.; MICHALOWICZ, Z.; SEKULOWA, J.; STUDNICKA, K.

Present results of tuberculosis therapy by isonicotinic acid hydrazide  
in children (Nicozyd). Przegl. lek., Krakow 8 no.12:347-348 1952.  
(CIML 24:2)

1. Of the Pediatric Clinic (Head--Prof. Wladyslaw Bujak, M.D.) of Kra-  
kow Medical Academy.

GIZA, Tadeusz; SEKULOWA, Jadwiga

Theoretical and practical considerations on ACTH. Przegl. lek.,  
Krakow 10 no.11:303-308 1954.

1. Z Kliniki Dziecięcej Akad. Med. w Krakowie. Kierownik: prof. dr  
W. Bujak.  
(ACTH,  
pharmacol.)

SEKULOWA, Jadwiga

Hormone and drug therapy of chorea minor. Postepy reumat. no.2:  
79-91 1956.

1. Z Kliniki Chorob Dzieci A.M. w Krakowie Kierownik: prof.  
dr. W. Bujak.

(CHOREA, ther.

ACTH, alone or with insulin, PAS & salicylates in  
chorea minor (Pol))

(ACTH, ther. use

chorea minor, alone or with insulin, PAS & salicylates (Pol))

(INSULIN, ther. use

chorea minor, with ACTH, PAS & salicylates (Pol))

(PARA-AMINOSALICYLIC ACID, ther. use

chorea minor, with ACTH, insulin & salicylates (Pol))

(SALICYLATES, ther. use

chorea minor, with ACTH, insulin & PAS (Pol))

KOBIELOWA, Zofia; SIEKULOWA, Jadwiga

~~Case of chondrodystrophy. Pat. polska 7 no.1:65-18 Jan-Mar 56.~~

1. Z Kliniki Chorob Dzieci A. M. w Krakowie. Kiwr. prof dr. Wl.  
Bujak Krakow, ul. Wielopole 7.  
(DYSCHONDROPLASIA, case reports,  
(Pol))

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CIA-RDP86-00513R001547710020-4"

SEKULOWA, Jadwiga; HORNICK, Norbert

Debre-de Toni-Fanconi syndrome under the light of various biochemical tests. Polski tygod. lek. 13 no.48:1924-1930 1 Dec 58.

l. (Z Kliniki Dzieciecej A. M. w Krakowie; kierownik: prof. dr Tadeusz Giza). Adres: Krakow, ul. Okopy 6. Klin. Dzieciecej A. M.

(METABOLIC DISEASES  
Fanconi's rachitic sybd., biochem. (Pol))

SEKULOWA, Jadwiga (Krakow, ul. Jozefilow 19a/4.)

Ehlers-Danlos syndrome in the light of contemporary investigations.  
Polskie tygod. lek. 14 no.21:963-966 25 May 59.

1. (Z Kliniki Dziecięcej A. M. w Krakowie; kierownik: prof. dr  
Tadeusz Giza).

(EHLERS-DANLOS SYNDROME, case reports  
in 2-year old boy (Pol))

SEKULOWA, Jadwiga; HORZELOWA, Jolanta; CZAPNICKA, Maria

Dysostosis enchondralis epi-metaphysaria in the light of clinical  
and radiological studies. Chir.narz.ruchu ortop.pol.ka 25 no.3:  
241-253 '60.

1. Z Kliniki Chorob Dzieci A.M. w Krakowie Kierownik: prof.  
dr T.Giza i z Kliniki Radiologicznej A.M. w Krakowie Kierownik:  
prof. dr S.Januszkiewicz  
(DYSCHONDROPLASIA)

SEKULOWA, Jadwiga

So-called peg test in the evaluation of therapeutic results in chorea.  
Neurol. neurochir. psychiat. pol. 12 no.1:37-45 '64.

1. Z I Kliniki Dzieciecej AM w Krakowie Kierownik: prof. dr T. Giza.

(CHOREA ther)

SEKULOWA, Jadwiga

Studies on the metabolism of creatine and on the behavior  
of phosphorus, phosphorus fractions and phosphatases in the  
blood of normal children. Pol. tyg.lek. 18 no.50:1869-1873  
9 Dr'63.

l. Z I Kliniki Dzieciecej AM w Krakowie; kierownik: prof.  
dr. Tadeusz Giza.

\*

[REDACTED]

SEBIRLEWA, Jadwiga: First Pediatric Clinic (I Klinika Dziecięca), A. L. Akademia Medyczna -- Medical School of Krakow. Director: Prof Dr Tadeusz GIZA.

'Hypothalamic-hypophyseal System in the Graves-Basedow Disease in Children'

Warsaw. Polski Fizjochirurgiczny, Vol XVIII, No 5, 28 Jan 1963, pp 375-378.

**Abstract:** Author's English summary modified Clinical observations of children with Graves-Basedow disease are reported. Special attention is drawn to the signs caused by disorders in the hypothalamic-hypophyseal system (temperature disturbances; water, carbohydrate and lipid turnover disturbances, disorders of sleep, neurovegetative signs, psychic changes in the patient). The hypothalamus functional tests (adrenalin test, insulin test, water test, water-hypothalamus test and water short-waves test) revealed disorders in the water and carbohydrates metabolism. The similarity between the

9/2

POLAND

Varsova, Polski Tygodnik Lekarski, Vol XVIII, No 5, 28 Jan  
1963, pp 175-178 (continued)

Clinical signs of Graves-Benedov disease and diarrhea in  
children is stressed. The role of infections, mainly of  
staphylococcal infection, in the etiology of the disease  
is mentioned. 4 diagrams; 14 references, 2 Western, remainder  
Polish.

12/2

SEKULOV, David A.

Studies on creatine-phosphate metabolism in normal children and  
in some forms of myopathy and myoadensis. I. Folia med. Cranov.  
Lund. 3;161-228 '62.

84631

S/182/60/000/003/006/007  
A161/A029

18.6000 only 1497, 1045

AUTHOR: Sekun, B.S.TITLE: Design and Production Technology of Hard-Alloy Tools

PERIODICAL: Kuznechno-shtampovcchnoye proizvodstvo. 1960, No. 3, pp. 42 - 43

TEXT: A plant (not named) has started the output of high-accuracy hard-alloy dies (blanking, drawing and combination dies), press molds for ceramic work, and shaping tools for universal automatic bending presses, designed for the use in the radio and instrument industry. Two methods are used: 1) making tools from so-called plasticized blanks, and 2) from carbide mixtures in special press molds. The making technology is developed by Nauchno-issledovatel'skiy institut tverdykh splavov (Scientific Research Institute of Hard Alloys). Plasticized blanks consist of compressed and half-sintered fine-grained tungsten-cobalt alloy and are produced by zavod pri NII tverdykh splavov (Plant at the Institute of Hard Alloys) in grades BK6M (VK6M), BK10M (VK10M), BK15M (VK15M) and BK20M (VK20M). The blanks (disks with central hole or without, bars, plates) have to be 26 - 27% larger than ready work in view of shrinkage in final sintering. Every consignment of plasticized blanks is accompanied by a certificate in-

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A161/A029

## Design and Production Technology of Hard-Alloy Tools

cluding the shrinkage per cent. No special equipment is needed for the machining of blanks, but it is recommended to use a sharp cutting tool from 8K8 (VK8) cermet, or from P9 (R9) or P18 (R18) high-speed steel, with 20 - 25° cutting angle and 10 - 15° relief angle (blunt tool causes crumbling at the spot where the cutting edge comes out of the blank), and slow feed (0.5 mm per revolution). Blanks machined in such a way are wrapped into cotton wool and sent to the consumer plant for final sintering. The final machining after final sintering consists in grinding and lapping. Detailed recommendations are included. The second blank making method (in special press molds) is used for mass tool production, as the costs of making are high. Compressed tools are sintered at 1,400 - 1,500°C and finally machined on usual grinding machines and lapped, like plasticized blanks, but complex holes are machined with the use of ultrasound. The press mold bed plate (for ceramic insulators) shown in Figure 3 has been machined on an Y3U-10 (U2U-10) ultrasound installation. The article includes a drawing of a hard-alloy die (Fig. 1) for producing an electron ray tube diaphragm (Fig. 2), i.e., blanking, extruding and punching the hole. Different parts of the die are made of different plasticized alloy grades. The durability of hard-alloy dies is 50 times higher than of steel dies, and the durability of press molds 100 times higher than of steel molds; the quality of work machined with hard-

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Design and Production Technology of Hard-Alloy Tools

S/182/60/000/003/006/007  
A161/A029

alloy tools is higher. Plasticized blanks from VK6M and VK10M are recommended for press molds (particularly for production of ceramic work), extruding dies and other tools working with compression and abrasive wear; VK15M and VK20M grades are suitable for tools working with impact, bending and tension stress, i.e., mainly for blanking and combination dies in which the bed plate is to be made of VK20M, and the punch of VK15M. There are 3 figures.

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Card 3/3

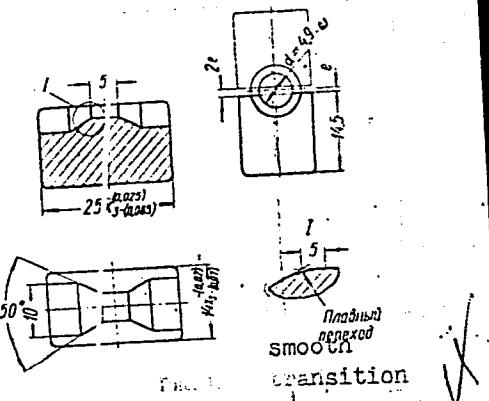
25665

11400 2308, 1413, 1454

S/182/60/000/007/b09/016  
A162/A029

AUTHOR: Sekun B.S.  
TITLE: Hammer-Heads for Forging Tungsten or Molybdenum on Rotary Forging  
Machines  
PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 7, pp. 42 - 43

TEXT: A new hammer-head design is described developed at a (not named) USSR plant for rotary forging machines with 10 - 12 pairs of two-hammer rolls used for production of tungsten, molybdenum or other metal wire (the rods are manufactured from powder metal) for radio industry and vacuum techniques. The rotary forging machines have 10 - 12 two-hammer rolls, and up to 25 hammer pairs are required to produce 2-mm wire from a 10X10 mm rod. The rods are heated up to 1,300-1,500°C in hydrogen. The hammer-heads of the old design (Fig. 1) of P18 (R18) steel lasted only for 30-40 rods. The new



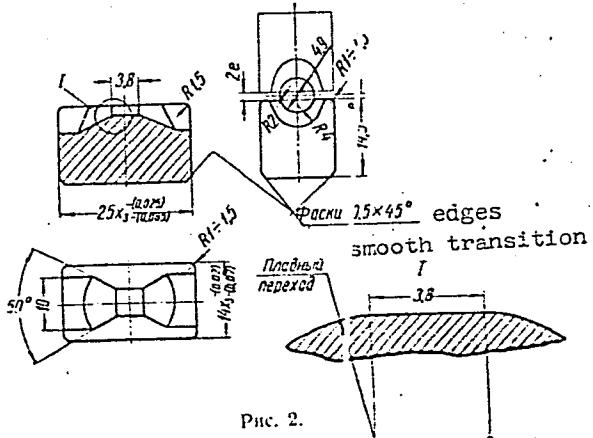
Card 1/2

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S/182/60/000/007/009/016  
A162/A029

Hammer-Heads for Forging Tungsten or Molybdenum on Rotary Forging Machines

hammer-heads are made of a cermet BK15M (VK15M) consisting of tungsten and cobalt carbides with a slight alteration in the design (Figure 2) (the middle portion being shortened and the wide groove ends made oval and without corners). The life of these hammer-heads is 40 times longer in working molybdenum, and 115 times longer in working tungsten.

Figure 2:

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BOGOMSKIY, G.D. [translator]; MAKHOV, A.B. [translator]; SEKUN, G.A.,  
red.; PORYADIHA, I.Z., red.; KHOMYAKOV, A.D., tekhn.red.

[Workers and technological progress; materials of the conference  
in the Gramsci Institute in Rome on June 29-30 and July 1, 1956  
on "Technical and organizational transformations and changes in  
working conditions of Italian enterprises."] Trudiashchiesia i  
tekhnicheskii progress; materialy soveshchanija v Institute im.  
Gramshi v Rime 29-30 iunija i 1 iulija 1956 g. po voprosu: "O  
tekhnicheskikh i organizatsionnykh preobrazovaniakh i izmene-  
niakh v usloviakh ruda na ital'ianskikh predpriatiikh."  
Moskva, Izd-vo inostr.lit-ry, 1959. 359 p. (Translated from the  
Italian) (MIRA 13:1)

(Italy--Industries)  
(Italy--Labor and laboring classes)

SEKUN, P. F.

19995 SEKUN, P. F. Bosstanovleniye plodorodiya pochvy i obratotkn plasta.  
Yestestvoznanie i shkole, 1949, No. 3, s. 24-27.

SO: LETOPIS ZHURNAL STATEY, Vol. 27, Moskva, 1949.

2178 Sekun, P.F. and Unkovskiy, A.M.

Metodicheskiye Uka<sup>z</sup>aniya K Programme Po Kursu "Osnovy Sel'skogo  
Khozyaistva" II I III Kursov Fak. Estestvoznaniya Ped. In-Tov.  
M., Uchpedgiz, 1954 88s. 20sm. (Glav. Upr. Pod Gotovki Uchiteleye M-Va  
Prosvetshcheniya RSFSR Nauch. Metod. Kabinet Po Zaoch Obuchsniyu  
Uchitelei). 14.000 EKZ. 1r. 30k.-  
(54-56481) 63(071.4)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001547710020-4

SEKIN, P. F.

winter wheat in the northernmost region. Moscow, Gos. Izd-vo Selskhoz. Literatury, 1954.  
112p.

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CIA-RDP86-00513R001547710020-4"

ACC NR: AT7003565

(N)

SOURCE CODE: UR/3240/66/000/001/0073/0074

AUTHORS: Murashko, V. D.; Sekunda, A. T.; Khaynovskiy, Ya. S.

ORG: Kharkov Turbine Plant (Khar'kovskiy turbinnyy zavod)

TITLE: Tests of burning equipment for the combustion chamber of a gas turbine installation GTU-50-800

SOURCE: Kharkov. Politekhnicheskiy institut. Energeticheskoye mashinostroyeniye, no. 1, 1966. Teploobmen i gazodinamika (Heat transfer and gas dynamics), 73-74 and insert following pgs. 74

*but stand*TOPIC TAGS: ~~gas turbine engine~~, gas turbine engine test, gas turbine, combustion chamber, combustion chamber test, natural gas, burning rate/ GTU-50-800 gas turbineABSTRACT: A full-scale experimental combustion chamber of high-pressure gas turbine GTU-50-800 was mounted on a special stand to test and adjust the equipment associated with this chamber. Controlling and measuring devices for temperature, pressure, and fuel (natural gas) consumption were provided. Heat stresses near to the operational ones ( $8 \cdot 10^6$  Kcal/m<sup>2</sup> hr · atm) were maintained in these tests conducted by the Kharkov Turbine Plant in cooperation with TsKTI. The equipment was rated according to its operational economy, incompleteness of combustion ( $q_3$ ), pressure loss  $\Delta P_{kc}$ , combustion constancy, and the tendency toward pulsating combustion. Work was

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ACC NR: AT7003565

preceded by tests of small scale models, leading to the construction of main burners with flat and conical main dampers. Tests results are fully described in (Zh. Energomashinostroyeniye, 1961, No. 7) and in (Zh. Teploenergetika, 1962, No. 1). They show the burner with a conical damper to be most economical. The performance of four types of main burners and pilot burners is briefly analyzed and their characteristics are shown graphically. Cold air (60--70C) was used with all but one design variant. In the latter case ( $t_{air} = 375--450C$ ),  $q_3$  dropped from 9% to 0.7--1.4%.

Orig. art. has: 1 photograph and 4 graphs.

SUB CODE: 10 21/ SUBM DATE: none/ ORIG REF: 004

Card 2/2

KHAYNOVSKIY, Ya.S.; SEKUNDA, A.T.; KHINGIN, L.M., red.; KOVAL'SKAYA,  
I.F., tekhn. red.

[Combustion chambers of gas-turbine systems working on liquid  
fuel; review of foreign technology] Kamery sgoraniia gazoturbin-  
rykh ustanovok, rabotaiushchikh na zhidkem toplive; obzor zaru-  
bezhnoi tekhniki. Moskva, TsINTIMASH, 1961. 38 p.  
(MIRA 15:8)

(Gas turbines)

KHAYNOVSKIY, Ya.S.; SEKUNDA, A.T.

Experimental combustion chamber stand. Energ. i elektrotekh.  
(MIRA 15:6)  
prom. no.1:27-32 '62.  
(Turbogenerators—Testing)

POLYATSKIN, M.A., kand.tekhn.nauk; SHATIL', A.A., kand.tekhn.nauk;  
KHAYNOVSKOY, Ya.S., inzh.; SEKUNDA, V.T., inzh.

Testing the experimental GTU-50-800 combustion chamber fired with  
natural gas. Teploenergetika 9 no.1:20-24 Ja '62.  
(MIRA 14:12)

1. TSentral'nyy kotloturbinnyy institut im. I.I.Polzunova i  
Khar'kovskiy turbinnyy zavod imeni Kirova.  
(Gas turbines--Testing)  
(Gas, Natural)

KHAYNOVSKIY, Ya.S.; SEKUNDA, A.T.

Combustion chambers of foreign gas turbine systems. Energ. i  
elektrotekh. prom. no.1:70-72 Ja-Mr '63. (MIRA 16:5)  
(Gas turbines)

SAVVIN, V.N., inzh.; SEKUNDA, A.T., inzh.; KARTSEV, A.I., inzh.;  
GALETSKIY, N.S., inzh.

Some problems concerning the component distribution and  
compensation of thermal expansion of the GTU-50-800 gas  
turbine system manufactured by the Kharkov Turbine Plant.  
Energomashinostroenie 8 no.11:10-13 N '62.

(MIRA 16:1)

(Gas turbines)

SEKUNDA, A.I., Tchely, SHALILOV, A.A., 1920.

Circular combustion chambers of gas turbine systems. Energ. i elektrotekh.  
prom. no.1:64-69 Jan-Mar '65.  
(MIRA 13:5)

SEKUNDANT, V.P.

Recurrence of tularemia. Klin.med. 32 no.1:85 Ja '54.  
(MLRA 7:4)

1. Iz Khashchewatskoy rayonnoy bol'nitsy Odesskoy oblasti.  
(Tularemia)

SEKUNDANT, V.P.

Immunological reactions in tularemia convalescents and those  
vaccinated against the disease. Vrach.delo no.2:175-179 F '58.  
(MIRA 11:3)

1. Khashchevatskaya rayonnaya bol'nitsa Kirovogradskoy oblasti.  
(IMMUNITY) (TULAREMIA)

L 6972-65 EWT(1)/EPA(b)/EIR/PCS(k)/ENA(1)  
AFETH/ASD(f)/AEDC(e) WW

Pd-1/Pa-4 AMD/ARWL/SSD/ART'(a)/

ACCESSION-NR: AP4018430

S/0179/64/000/001/0104/0114

B

AUTHOR: Yakovlevskiy, O. V. (Moscow); Sekundov, A. N. (Moscow)

TITLE: Investigation of the interaction of a jet flow with an adjoining plate

SOURCE: AN SSSR. Izv. Otd. tekhn. nauk. Mekhanika i mashinostroyeniye, no. 1, 1964, 104-114

TOPIC TAGS: hydraulics, jet propulsion, ventilation, aerodynamics, jet flow

ABSTRACT: The authors have investigated the action of a turbulent jet stream at the surface of an adjoining solid body (plate). This problem is encountered in industrial ventilation, when intake flow is distributed in rooms, and in studying the behavior of jet planes near the earth when the lifting force of the jet is decreased. A diagram is given on the testing unit. Various combinations of turbulent jet flow, distances, plates and plate shapes were used. Depending on these factors, different pressures (vacuums) were obtained at various points on the plate. The authors used the following equation

$$\langle \Delta p \rangle = \frac{1}{N} \sum_{i=1}^N \Delta p_i$$

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for calculating the gauge pressure. The loss of lifting force relative to the jet impulse was calculated by the following equation

$$\Delta L^o = \frac{\Delta L}{T_0} = \frac{1}{T_0} \left[ \Delta p ds = -(\Delta p^o) \frac{\Delta S}{2S_0} (\Delta s - s - r_0) \right]$$

Several configurations of the testing unit were used. Model D1 has axisymmetrical pressure distribution, while Model PI, with one jet at the center, results in an unequal vacuum distribution on the plate. A triangular plate with one jet at the center is designated as model T. The loss of pressure or lifting force of the jet in relation to distance from the plate is shown in Figs. 1 and 2 of the enclosure. The experimental data were close to the results of the theoretical equations. "In conclusion, the authors wish to thank G. B. Krayushkin and P. I. Dvoryanchikov who took part in the experiments, and are sincerely thankful to G. N. Abramovich for the close attention paid to the investigation and for taking part in the discussion of its results." Orig. art. has: 9 figures and 24 equations.

ASSOCIATION: none

SUBMITTED: 28Apr63

SUB CODE: AC, MB

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ENCL: 02

OTHER: 00

NO REF SOV: 003

ZAKOVLEVSKIY, O. V. (Moskva); BRAUNOV, A. N. (Moskva).

Fluid flows induced by turbulent jets. Izv. AN SSSR. Mekh. i  
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Physicochemical study of the system  $\text{Na}^+$ ,  $\text{Mg}^{++}$ ,  $\text{Cl}^-$ ,  $\text{SO}_4^{--} - \text{H}_2\text{O}$ .  
Electric conductivity, viscosity, and density of the ternary  
system  $\text{Na}^+$ ,  $\text{Mg}^{++}$ ,  $\text{SO}_4^{--} - \text{H}_2\text{O}$ . Izv. AN Kazakh. SSR Ser. khim.  
no. 2:3-9 '60. (MIRA 14:5)  
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ZAYTSEV, A.; SIKUL'SKIY, I.; SKOBELKIN, I.; USTENKO, F.; YEGOROV, V.; ORLOV,  
A.; SEKUNOV, S.

Free the state Bank from nonbanking functions. Den. i kred. 16 no.1:  
(MIRA 11:3)  
51-55 Ja '58.  
(Banks and banking)

SIDOROV, N.; STUDNICHKA, Yu.; ARTEM'YEV, P.; YALYMOV, P.; BOJKO, N.;  
SEKUNOV, S.; TSYPIN, M.

Effectiveness of the centralization the accounting and tabulating  
machines. Den. i kred. 17 no. 5:53-59 My '59. (MIRA 12:10)

1. Nachal'nik Gorupravleniya Chernigovskoy oblastoy kontory Gosbanka (for Sidorov).
2. Glavnnyy bukhgalter Gorupravleniya Chernigovskoy oblastoy kontory Gosbanka (for Studnichka).
3. Glavnnyy bukhgalter Kamen'sk-Ural'skogo otdeleniya Gosbanka Sverdlovskoy oblasti (for Artem'yev).
4. Glavnnyy bukhgalter Aksolinskoy oblastnoy kontory Gosbanka (for Yalymov).
5. Glavnnyy bukhgalter Arzamasskogo otdeleniya Gosbanka Gor'kovskoy oblasti (for Boyko).
6. Glavnnyy bukhgalter Georgiyevskogo otdeleniya Gosbanka Stavropol'-skogo kraya (for Sekunov).
7. Glavnnyy bukhgalter Samarkandskoy oblastnoy kontory Gosbanka (for TSypin).

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SEKUNOVA, O. N.

1. ASLANOV, G. V.; GET'YE, V. A.; GUREVICH, YE. S.; LUBENETS, V. D.; SAMSONOV, N. M.;  
SEKUNOVA, O. N.; SIMONOVSKIY, I. V.; FRENKEL', M.; KRAPUNOV, B. P.

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7. Problem of the priority of Soviet science in examining the operation of spring-loaded valves. (Letters to the editor.) Vest. mash. 32 No. 11, 1952.

9. Monthly List of Russian Acquisitions, Library of Congress, April 1953, Uncl.

SEKUNOVA, O.N., inzh.

Performance of packing boxes in piston compressors, Sbor, st.  
NIKHIMMASH no.22:33-64 '58. (MIRA 11:6)  
(Packing (Mechanical engineering)) (Compressors)

S. K. VUVA, O. N.

14(1)

PHASE I BOOK EXPLOITATION

SOV/2472

Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskii institut khimicheskogo mashinostroyeniya

Konstruirovaniye i issledovaniye kompressorov i vakuum-nasosov (Design and Investigation of Compressors and Vacuum Pumps) Moscow, Mashgiz, 1958.  
90 p. (Series: Its: Sbornik statey, 22) 5,000 copies printed.

Ed.: V.A. Rumyantsev, Engineer; Ed. of Publishing House: A.M. Monastyrskaya;  
Tech. Ed.: A.F. Uvarova; Managing Ed. for Literature on Machine Building and  
Instrument Construction (Mashgiz): V.V. Pokrovskiy, Engineer.

PURPOSE: This collection of articles is intended for scientists and engineers working in the field of compressor manufacture, and also for students of vuzes specializing in compressors and vacuum pumps.

COVERAGE: The booklet consists of five articles. The first article presents investigation results and design data for determining resistances in strip-type automatic diaphragm valves. The second article presents for the first time results of the investigation of large diameter diaphragms used in diaphragm-type compressors. The third article presents, also for the first time, experimental results and methods for designing metallic packings for piston-compressor

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